

**What is claimed is:**

1. A gas safety valve comprising a main body, a meltable element and an O-ring being mounted around the main body, and an engaging member for engaging the main body to a coupler of a gas source, the main body  
5 comprising a longitudinal through-hole including a first section, a second section, and a third section, inner diameters of the first section, the second section, and the third section being different from one another, a ball and a restraining member being mounted in the first section, the ball having a diameter greater than the inner diameter of the second section, thereby  
10 restraining the ball and the restraining member in the first section, a spring being mounted in the second section and having a length greater than that of the second section, with an end of the spring protruding out of the second section for biasing the ball away from the second section, the improvements comprising:  
15           an outer sleeve being force-fitted in the third section of the main body, the outer sleeve including an inner threading, a hollow adjusting block being mounted in the outer sleeve and having an outer threading for threadedly engaging with the inner threading of the outer sleeve, the spring having another end abutting against the adjusting block;  
20           wherein adjustment of a position of the hollow adjusting block in the outer sleeve changes a distance between the ball and the second section.